APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Sumiho, Yoshio, Suzuki, Shigeru and others.
SYNTHESIS OF BROMINE-SUBSTITUTED COPPER PHTHALOCYANINES AND THEIR SUITABILITY AS PIGMENTS. Rept. 8 of Studies on Phthalocyanine Organic Pigments. [1963] [17]p. 11 refs.
Order from SLA $1.60 63-18512

Trans. of Kogyo Kagaku Zasshi (Japan) 1962, v. 65, no. 12, p. 2027-2032.

DESCRIPTORS: *Dyes, *Organic pigments, *Metal-organic compounds, *Copper compounds, *Phthalocyanines, *Bromides, Synthesis (Chemistry), Phthalic anhydride, Bromination, Metallation, Physical properties, Chemical properties.

Studies were made on the method of synthesizing pigments, in which the aromatic nucleus of copper phthalocyanines is substituted with 1~16 bromine (Chemistry--Organic, TT, v. 10, no. 11) (over)

63-18512

I. Title: Bromo copper phthalocyanines
II. Sumiho, Y.
III. Suzuki, S.
III. Title: Studies ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Potential of Synthetic Vinyl Fibers and Their Surface Charge Densities, by K. Yamaki.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 65, No 12, 1962, pp 2036-2042.
NTC 69-11291-11E

Sci-Mat
July 69

387,121

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Studies of Antistatic Agents for PVC. Part I.,
by T. Yamamoto.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 66, 1963.
NTC-71-16224-11I

Jan 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Kamio, K., Kojima, S., and Daimon, H.
POLYMERIZATION OF ALDEHYDES. [1963] 7p.
Order from ATS $9.25 ATS-95Q69J

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 2, p. 245-249.

DESCRIPTORS: *Aldehydes, *Polymerization.

(Chemistry--Organic, TT, v. 10, no. 6)

63-17780

I. Kamio, K.
II. Kojima, S.
III. Daimov, H.
IV. ATS-95Q69J
V. Associated Technical Services, Inc., East Orange, N. J.

ATS TT-63/5

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Kawai, W.
COPOLYMERIZATION OF PROPYLENE WITH ACRYLONITRILE. [1963] 6p.
Order from ATS $9.25 ATS-96Q69J

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 2, p. 249-252.

DESCRIPTORS: *Polyethylene plastics, *Acrylic resins, *Propenes, *Acrylonitriles, Copolymerization.

(Materials--Plastics, TT, v. 10, no. 9)

63-22153

1. Kawai, W.
II. ATS-96Q69J
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Mechanism of Delignification in Alkaline Sulfite Cooking, by I. Sakata.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 66, No 2, 1963, pp 272-275.
HTI-71-16210-11L

Jan 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Yoshimi, Naoki, Yamao, Masayoshi, Kawakita, Masayuki, and Tanaka, Shigeyuki.
CONSIDERATIONS ON THE HARDENING REACTION OF METHYLOLMELAMINE BY GAS CHROMATOGRAPHY AND INFRARED ABSORPTION SPECTROSCOPY. [1963] 12p 13refs
Order from SLA $1.60 63-18909

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 2, p. 279-283.

DESCRIPTORS: *Melamine-formaldehyde resins. *Thermosetting plastics, *Melamine, *Amino plastics, *Amines, *Methyl radicals, Hardening, Heat treatment, Gas chromatography, Infrared spectroscopy, Condensation reactions

In order to determine the mechanism of the heat-hardening reaction of methylolmelamine, the gaseous substance which evolves from a heated sample was
(Materials--Plastics, TT, v. 10, no. 10) (over)

63-18909

I. Title: Methylolmelamine
I. Yoshimi, N.
II. Yamao, M.
III. Kawakita, M.
IV. Tanaka, S.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Decomposition of Monazite Concentrate by Sodium Hydroxide, by Katsumata, Shigeru, Tokumoto, 10 pp.
JAPANESE, per, Kogyo Kagaku Zasshi, 1963, vol 66, no 3, pp 324-326.
SLA TT 64-18102

Jul 66

305,455 6

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Noda, Hidoo, Tatzuno, Toshio, and Fukui, Kenichi.
REACTION OF C_4-OLEFINS AND FORMALDEHYDE.
[1964] 17p
Order from K-H $10.20 K-H-12963

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 3, p. 348-351.

(Chemistry--Organic, TT, v. 12, no. 1)

TT-64-12921

I. Noda, H.
II. Tatzuno, T.
III. Fukui, K.
IV. K-H-12963
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Fujio, R., Tsuruta, T., and Furukawa, J.
ANIONIC POLYMERIZATION OF VINYL KETONES.
Rept. 24 of Researches for Polymerization Reactions by Organic Metallic Compounds. [1963] 10p 10refs
Order from SLA $1.10 TT-63-20687

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1963, v. 66, no. 3, p. 365-369. (Abstract available)

DESCRIPTORS: *Vinyl plastics, Plastic films, *Vinyl radicals, Methyl radicals, Propyl radicals, Phenyl radicals, *Ketones, *Polymerization, Catalysts, *Metalorganic compounds, Metallic compounds, Ethy radicals.

By anionic polymerization of several kinds of vinyl ketones (methyl vinyl ketone, phenyl vinyl ketone and methyl isopropenyl ketone) the possibilities of stereo- (Materials--Plastics, TT, v. 11, no. 3) (over)

TT-63-20687

1. Title: Polymerization
2. Title: [illegible] ketone
3. Title: Propylphenyl vinyl ketone
I. Fujio, R.
II. Tsuruta, T.
III. Furukawa, J.
IV. Title: [illegible]

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Nishizaki, Shunichiro and Fukami, Akira.
DIFFERENTIAL THERMAL ANALYSIS OF AROMATIC POLYIMIDES. [1964] 7p (figs tables formulae refs omitted)
Order from SLA $1.10 TT-64-10953

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 3, p. 332-336.

(Chemistry--Physical, TT, v. 11, no. 12)

TT-64-10953

I. Nishizaki, S.
II. Fukami, A.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Solid State Reactions of the Titanium-Oxide Zinc-Oxide System, by Teruichiro Kubo and Masamori Kato, et al,
GOVERNMENT USE ONLY
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LVI, No 4, 1963, pp 403-407. P:00094067
RSIC-641

Sci-Chem
Apr 67

324,4.52

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Solid State Reaction of the TiO_2-ZnO System
by T. Kubo, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXVI,
No 4, 1963, pp 403-407.
NASA TT F-10,456

U. S. GOVERNMENT USE ONLY
Sci-Chem
Jan 67

317,846

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Harazaki, Y., Hasegawa, H., and Kirigaya, K.
PHOTOELECTRIC PROPERTIES OF ELECTROFAX PAPER IN RELATION TO ITS PREPARATION.
[Apr 64] 7p
Order from: ATS $9.00 ATS-87874]

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 4, p. 432-434.

(Materials--Photographic. TT, v. 12, no. 2)

TT-64-20[illegible]

I. Harazaki, Y.
II. Hasegawa, H.
III. Kirigaya, K.
IV. ATS-87874]
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Harazaki, Yuji, Hasegawa, Haruo, and Kirigaya, Kiichi.
EFFECT OF PHOTOSENSITIVE LAYER CONSTRUCTION IN ELECTROPHOTOGRAPHIC PAPER. Rept. 5 of Study of Electrophotographic Paper. [1963] 7p (figs refs omitted) 2refs
Order from: SLA $1.10 TT-64-10513

Trans. of [Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 4, p. 435-437]. (Abstract available)

DESCRIPTORS: *Photographic paper, *Electrophotography, *Photosensitivity, *Photographic emulsions, Zinc compounds, Oxides, Silicones, Polyester plastics Styrene plastics, Binders.

With regard to electrophotographic papers of a zinc oxide resin dispersion type, the relation of the weight of photosensitive layers to electric charge characteristics was pursued. To examine electric charge character- (Materials--Photographic, TT, v. 11, no. 9) (over)

TT-64-10513

1. Title: Rose bengal
I. Harazaki, Y.
II. Hasegawa, H.
III. Kirigaya, K.
IV. Title: Study...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Some Factors Affecting the Efficiency of Preparative Scale Gas Chromatography, by I. Takeda.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXVI, 1963, pp 442-446.
Fisheries Research
Board of Canada,
Tech Stations

Sci - Engr
Sept 64

266,480

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Design and Construction of a Preparative Scale Gas Chromatography, by I. Takeda, Y. Mashiko. JAPANESE, per. Kogyo Kagaku Zasshi, Vol LXVI, 1963, pp 446-450.
Fisheries Research Board of Canada, Tech Stations

Sci - Engr
Sept 64

266,479

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Asahara, Teruzo, Yamashita, Kenjiro, and Katayama, Shizumi.

POLYGLYCOLLIDE SYNTHESIS REACTION. Rept. 1 [of] Studies on Aliphatic Polyesters. [1963] 14p 5refs Order from SLA $1.60 63-18902

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 4, p. 485-489.

DESCRIPTORS: *Glycolic acids, Anhydrides, Polymerization, Dehydration, *Chloroacetic acids, Catalysts, Antimony compounds, Oxides, Potassium compounds, Bromides, Reaction kinetics, *Polyester plastics, Synthesis (Chemistry).

The polyglycollide, which is derived from the most simple aliphatic hydroxy acid, glycollic acid, was studied in order to probe raw materials for its production and to determine the reaction velocity and reaction (Materials--Plastics, TT, v. 10, no. 11) (over)

63-18902

1. Title: Polyglycollide
I. Asahara, T.
II. Yamashita, K.
III. Katayama, S.
IV. Title: Studies...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Yamaguchi, Toshihiro and Kashiwase, Koji.
POTASSIUM POLYMETAPHOSPHATE HAVING SPINNABILITY: PREPARATION CONDITIONS AND SOME PROPERTIES. [1964] 14p 14refs
Order from SLA. $1.60 TT-64-10708

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 5, p. 577-580.

(Materials--Paper, TT, v. 11, no. 12)

TT-64-10708

I. Yamaguchi, T.
II. Kashiwase, K.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Yokoyama, M., Cho, H., and Aida, F.
REACTIONS OF TRIPHOSPHONITRILE CHLORIDE WITH CARBOXYLIC ACID. [1963] 9p 12refs
Order from SLA $1.10 TT-63-20686

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1963, v. 66, no. 5, p. 609-613.

DESCRIPTORS: *Carboxylic acids, Elastomers, *Phosphonitrile chlorides, Elimination reactions,

The reactions of triphosphonitrile chloride with carboxylic acid were effected by the following three methods as used in the reactions of triphosphonitrile chloride with alcohol, mercaptan, phenol, etc. (1) Hydrogen chloride eliminating reaction directly bringing the two into reaction. (2) Hydrogen chloride eliminating reaction using pyridine. (3) Reaction using sodium salt of carboxylic acid. In the methods (1) and (2) it seems that the decomposition of triphosphonitrile
(Materials--Elastomers, TT, v. 11, no. 4) (over)

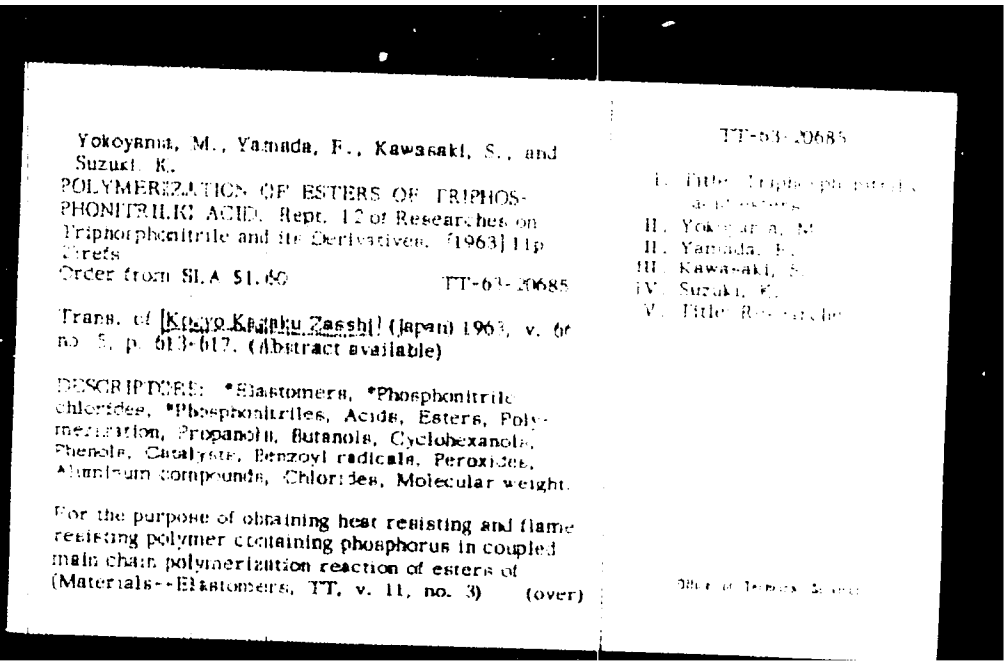
TT-63-20686

I. Yokoyama, M.
II. Cho, H.
III. Aida, F.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7



Yokoyama, M., Yamada, F., Kawasaki, S., and Suzuki, K.
POLYMERIZATION OF ESTERS OF TRIPHOSPHONITRILIC ACID. Rept. 12 of Researches on Triphosphonitrile and its Derivatives. [1963] 11p refs
Order from SLA $1.60 TT-63-20685

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1963, v. 66 no. 5, p. 613-617. (Abstract available)

DESCRIPTORS: *Elastomers, *Phosphonitrile chlorides, *Phosphonitriles, Acids, Esters, Polymerization, Propanols, Butanols, Cyclohexanols, Phenols, Catalysts, Benzoyl radicals, Peroxides, Aluminum compounds, Chlorides, Molecular weight.

For the purpose of obtaining heat resisting and flame resisting polymer containing phosphorus in coupled main chain polymerization reaction of esters of (Materials--Elastomers, TT, v. 11, no. 3) (over)

TT-63-20685

I. Title: Triphosphonitrile acid esters
II. Yokoyama, M.
II. Yamada, F.
III. Kawasaki, S.
IV. Suzuki, K.
V. Title: Researches on

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Saito, H. and Kajiwara, M.
STUDIES ON SYNTHETIC REACTION OF PHOSPHONITRILIC CHLORIDES. Rept. 1 of Studies on Phosphonitrilic Chlorides. [1963] 7p
Order from SLA $1.10
TT-63-20688

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1963, v. 66, no. 5, p. 618-620. (Abstract available).

DESCRIPTORS: *Elastomers, *Phosphonitrile chlorides, Synthesis (Chemistry), *Phosphorus compounds, *Ammonium compounds, Reaction kinetics.

When $(PNCl_2)_n$ is synthesized by the reaction of phosphorus pentachloride with ammonium chloride with $CHCl_2CHCl_2$ as solvent the reaction is very complicated, and depending on reaction conditions the synthetic product is obtained as mixture of different compounds with different yields. Experiment (Materials--Elastomers, TT, v. 11, no. 3) (over)

TT-63-20688

I. Saito, H.
II. Kajiwara, M.
III. Title: Studies ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Kajiwara, M. and Saito, H.
EFFECT OF 2,6-DI-TERT-BUTYL-P-CRESOL ON THE POLYMERIZATION OF PHOSPHONITRILIC CHLORIDE TRIMER. Rept. 2 of Studies on Phosphonitrilic Chlorides. [1963] 11p 9refs
Order from SLA $1.60 TT-63-20689

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1963, v. 66, no. 5, p. 621-624. (Abstract available)

DESCRIPTORS: *Elastomers, *Phosphonitrile chlorides, Polymerization, Hydrolysis, Reaction kinetics, Plasticity, *Cresols.

When heated phosphonitrilic chloride trimer (hereinafter referred to as $(PNC)_3$ turns into inorganic rubbery substance. This substance is relatively unstable and liable to be hydrolyzed. In its polymerization various organic matters were added, and among them an excellent result was shown by 2,6-di -
(Materials--Elastomers, TT, v. 11, no. 3) (over)

TT-63-20689

1. Title: 2,6-Di-t-butyl-p-cresol
I. Kajiwara, M.
II. Saito, H.
III. Title: Studies ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Takimoto, Masayoshi, Yokoyama, Tadao, Sawada, Masaru, and Yamashita, Motoji.
ISOLATION OF MELAM AND MELEM FROM FUSED PRODUCTS OF DICYANDIAMIDE AND MELAMINE, AND SOME OF THEIR PROPERTIES. [1964] 15p
11 refs
Order from SLA $1.00 TT-64-10702

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 6, p. 793-797.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-10702

I. Takimoto, M.
II. Yokoyama, T.
III. Sawada, M.
IV. Yamashita, M.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Takimoto, Masayoshi and Funakawa, Takayoshi.
STUDIES OF THE CHANGES UNDER HEATING OF DICYANDIAMIDE AND MELAMINE BY THE USE OF DIFFERENTIAL THERMAL ANALYSIS UNDER ATMOSPHERIC AND SUPERATMOSPHERIC PRESSURE. Rept. 1 of Studies on the Polycondensation (Melaminization) Reaction of Dicyandiamide. [1963] 23p 8refs
Order from SLA $2.60 TT-63-20696

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 6, p. 797-803. (Abstract available)

DESCRIPTORS: *Melamine, Synthesis (Chemistry), *Cyanamides, Polymerization, Heat treatment, Calorimetry, Nitrogen, Ammonia, Pressure,

When dicyandiamide is heated at normal pressure or under applied pressure, deammoniation condensation products such as melam, melem, and melon form as by-products besides melamine. In order to study the
(Chemistry--Organic, TT, v. 11, no. 3) (over)

TT-63-20696

1. Title: Dycandiamide
2. Title: Melam
3. Title: Melen
4. Title: Melon
I. Takimoto, M.
II. Funakawa, T.
III. Title: Studies ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Takimoto, Masayoshi and Funakawa, Takayoshi.
STUDIES ON THE CHANGES UNDER HEATING OF MELAM, MELEM, AND MELON UNDER ATMOSPHERIC PRESSURE AND SUPERATMOSPHERIC PRESSURE OF AMMONIA. Rept. 2 of Studies on the Polycondensation (Melaminization) [Reaction] of Dicyandiamide. [1963] 17p 4refs
Order from SLA $1.60
TT-63-20695

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 6, p. 804-809. (Abstract available)

DESCRIPTORS: *Melamine, Synthesis (Chemistry), *Cyanamides, Polymerization, Heat treatment, Ammonia, Pressure, Calorimetry,

Melam, melem, and melon are formed from melamine by deammoniation condensation, and conversely, melamine is formed from these compounds by ammonia addition reaction; in order to determine the conditions
(Chemistry--Organic, TT, v. 11, no. 3) (over)

TT-63-20695

1. Title: [illegible]
2. Title: Melam
3. Title: Melem
4. Title: Melon
I. Takimoto, M.
II. Funakawa, T.
III. Title: Studies ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Tsuchida, H., Shinohara, I., and Kanbara, Shu.
THE PREPARATION OF OLIGOSTYRENES BY TELOMERIZATION. 11p 4refs
Order from SLA $1.60 TT-64-16624

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 6, p. 824-827.

(Chemistry--Organic, TT. v. 12, no. 4)

TT-64-16624

I. Tsuchida, H.
II. Shinohara, I.
III. Kanbara, S.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Okahara, M., Goto, J., and Komori, S.
SYNTHESIS AND SURFACE ACTIVITY OF ALKYLUREA N-GLUCOSIDES. [1963] 18p 31refs
Order from SLA $1.60 TT-64-14357

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66, no. 7, p. 948-952. (Abstract available)

DESCRIPTORS: *Surface-active substances, *Glucosides, *Urea, Synthesis (Chemistry), Catalysts, *Phosphoric acids, Anhydrides, Surface tension, Colloids, Foams.

Alkylurea N-glucosides were synthesized by the reaction of alkylureas with glucose in dimethylformamide, using concentrated phosphoric acid or phosphoric anhydride as a catalyst. The reaction conditions, e.g. temperature, time, type of catalyst, etc. are discussed. It was found that the best results were obtained when 0.2 - 0.5 moles of concentrated phosphoric acid were used per
(Chemistry--Organic, TT, v. 11, no. 11) (over)

TT-64-14357

1. Title: Alkylurea N-glucosides
I. Okahara, M.
II. Goto, J.
III. Komori, S.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Synthesis and Friedel-Crafts Polycondensation of the Bis-Chloromethylation Product of 1,2-Diphenoxyethane, by I. Tabuse, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 66, 1963, pp 979-981.
NTC 71-14069-07C

Feb 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Studies on the Adsorptive Properties and Potentials of Surface Active Agents to Fibers. Part II. Adsorptive Properties and Potentials of Surface Active Agents on Synthetic Fibers in Acidic Aqueous Solutions, by T. Suzawa.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 66, No 7, 1963, pp 1002-1007.
NTC 69-11290-11E

Sci-Mat
July 69

387,120

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870013-7

Takeda, Hiromu, and Nukushina, Yasuhiko.
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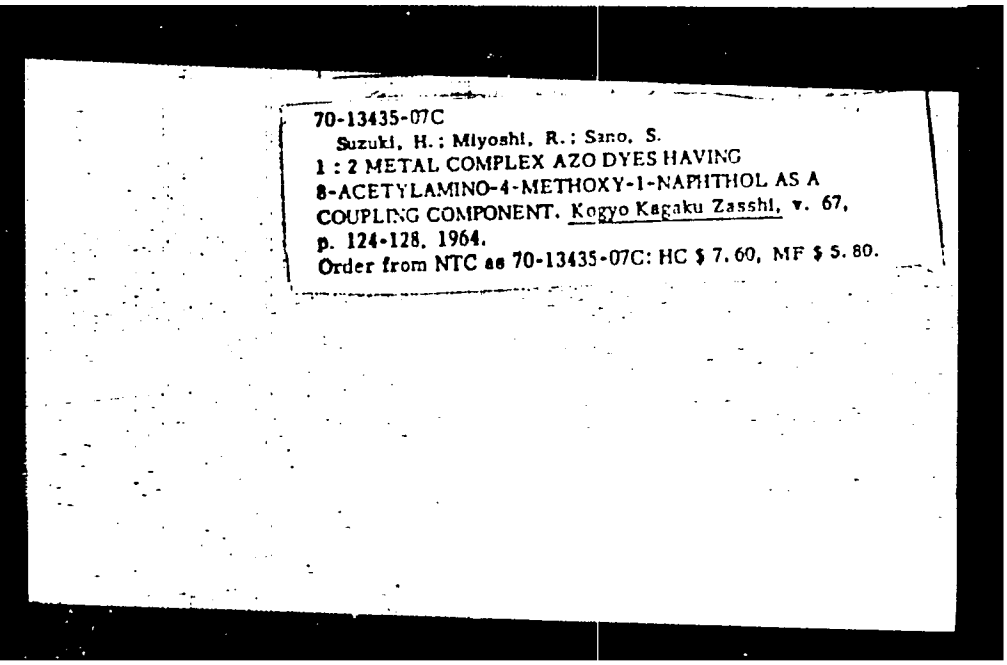

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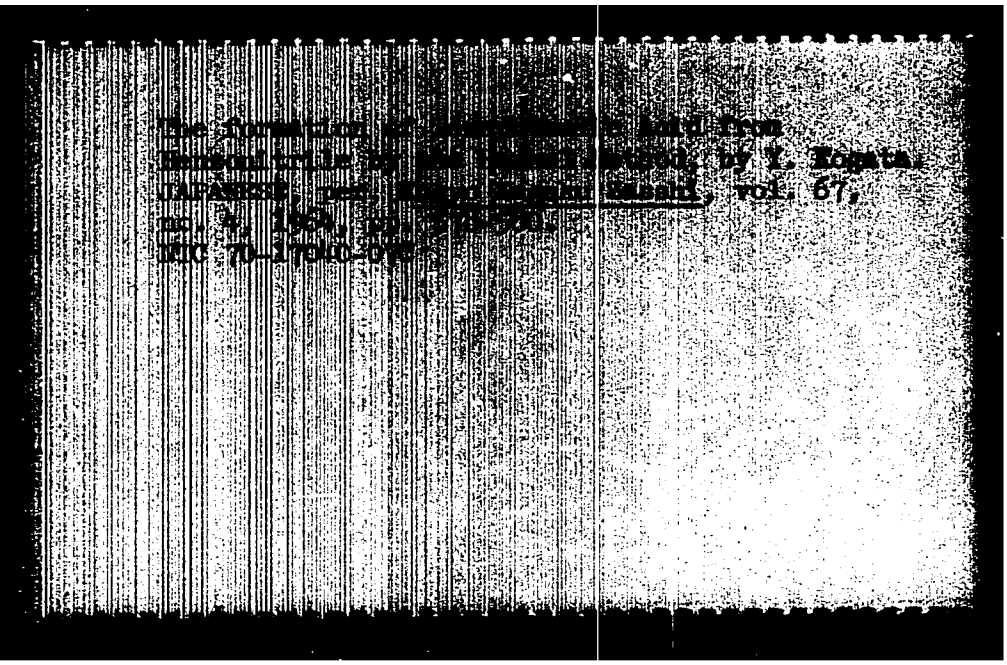

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